

TITLE: SWITCHING ACTIVITY REDUCED  
 CODING FOR LOW-POWER DIGITAL ...  
 INVENTOR: LUTKEMEYER  
 APPLICATION NO.: UNASSIGNED,  
 CONF. NO. ; DOCKET NO. 15069US01  
 ATTORNEY: SLP, PHONE: 312-775-8000

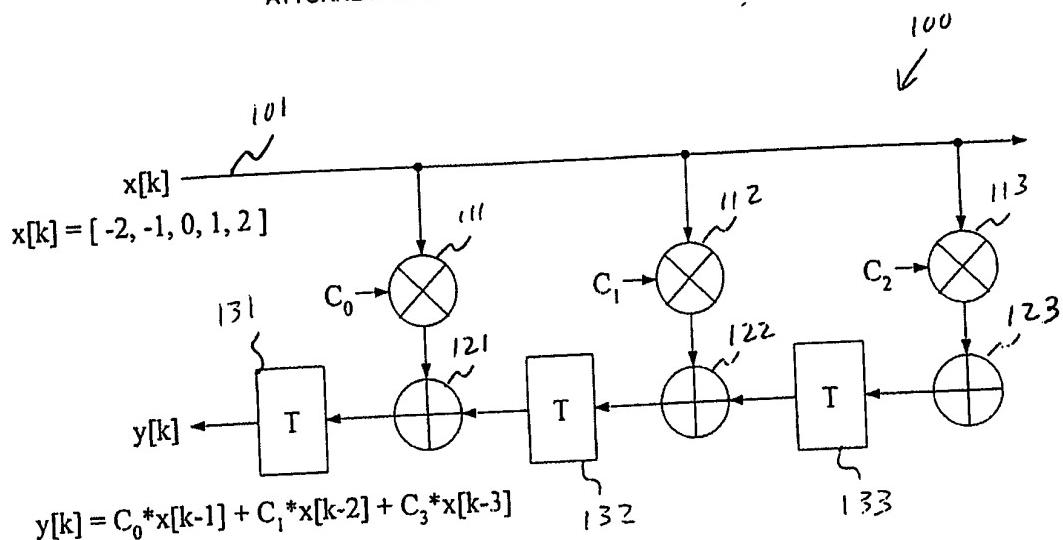


Figure 1 - Prior Art

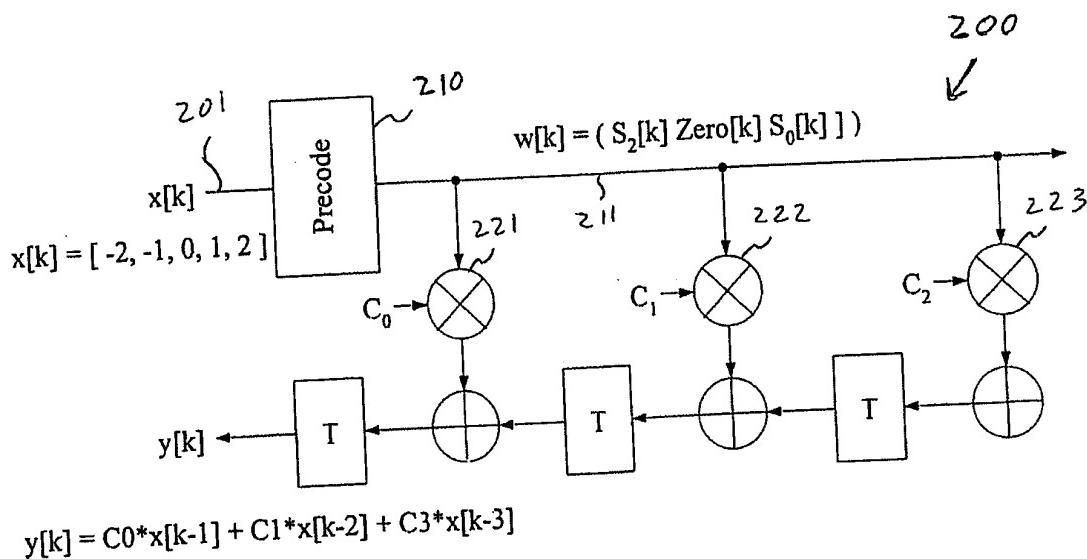
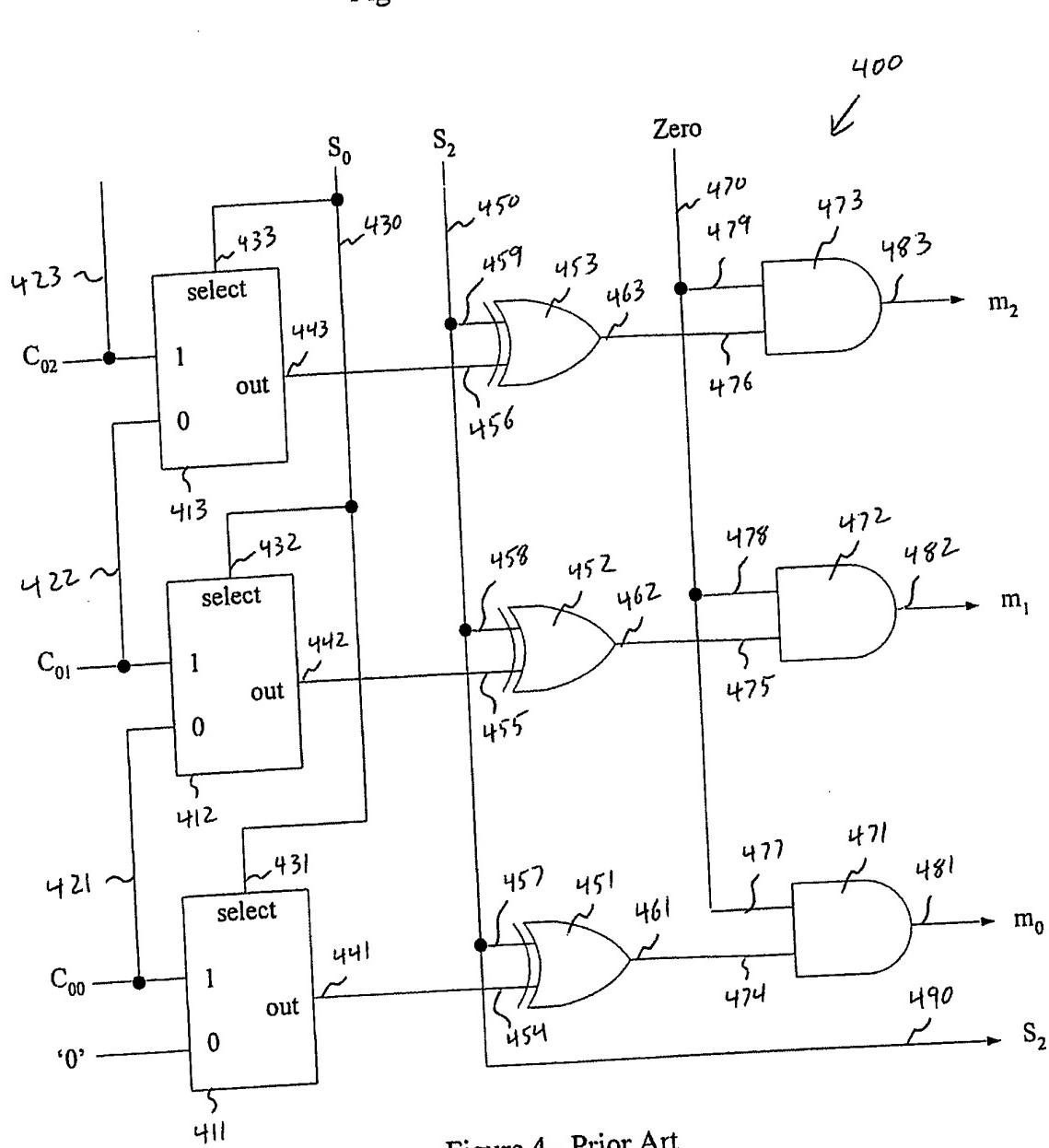
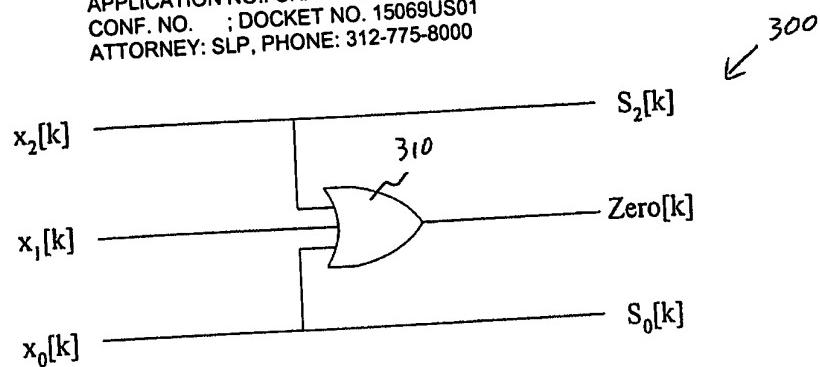


Figure 2 - Prior Art

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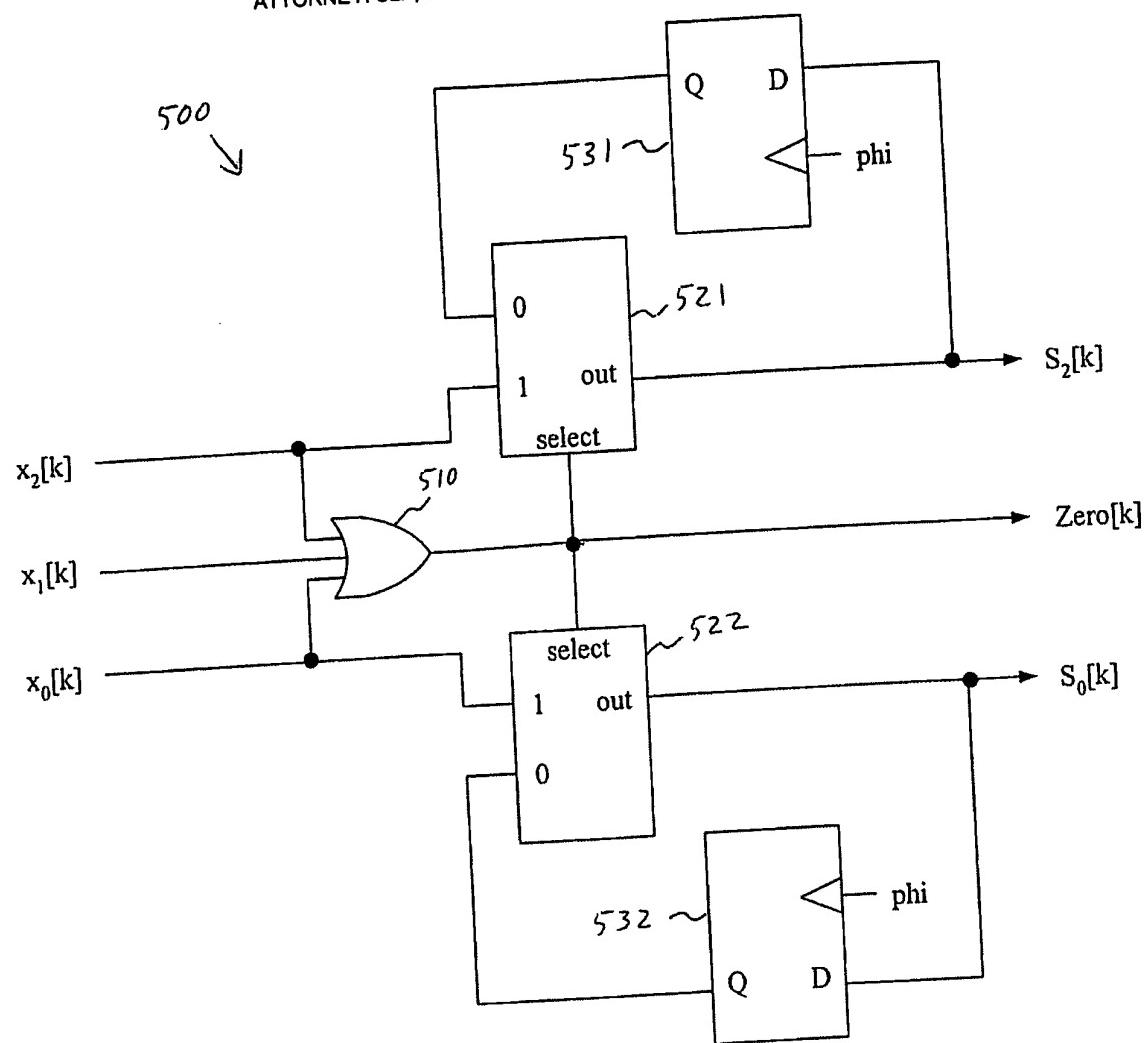


Figure 5

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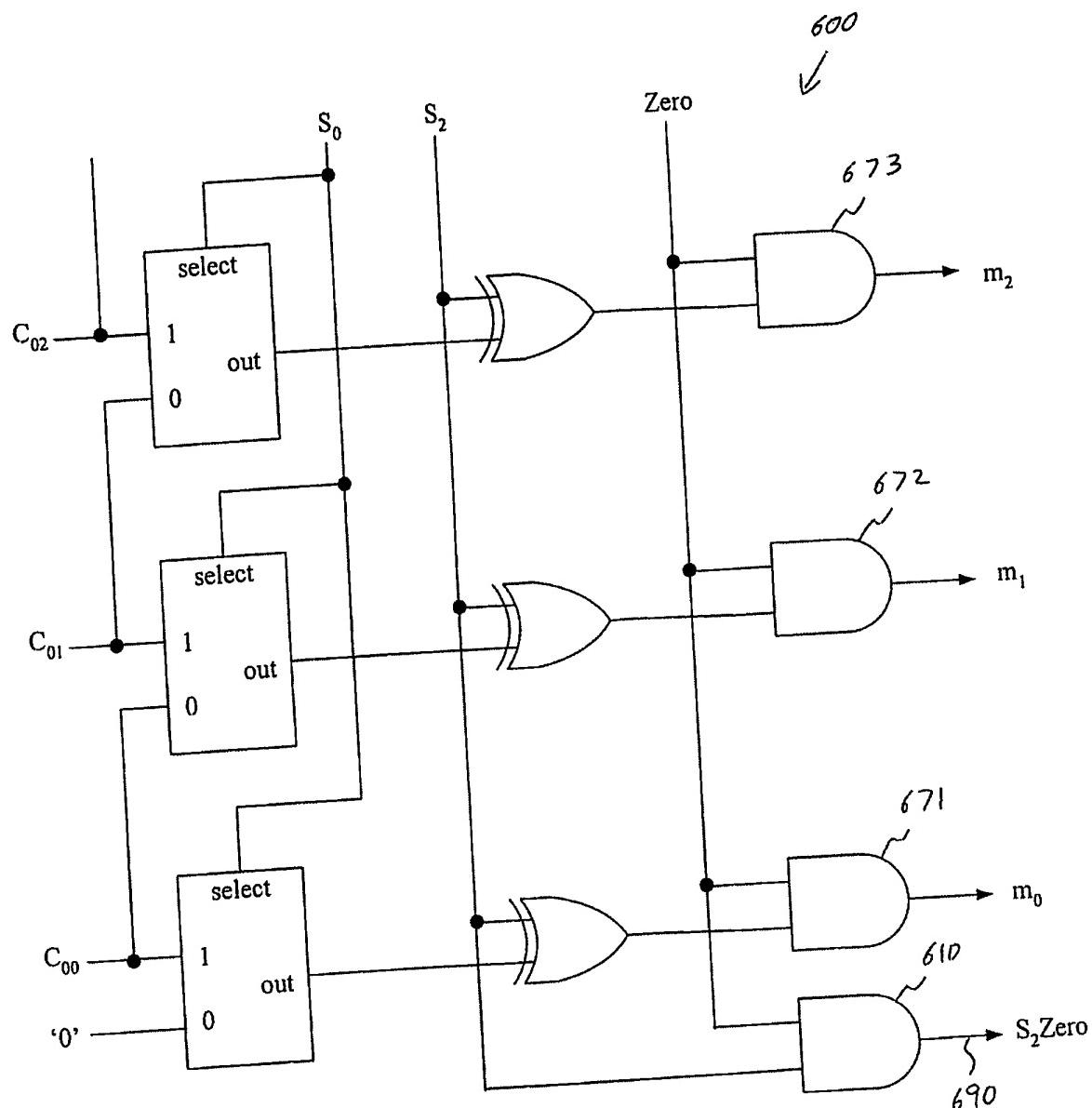


Figure 6

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700



$x[k]$	$k$	$k+1$	$k+2$	$k+3$	$k+4$	Signal Transitions
	-2	0	-2	-1	0	
Baseline Code	~710	751	752		753	
$S_2[k]$		●	●	●		3
$Zero[k]$						3
$S_0[k]$					754	2
New Code	~720					
$S_2[k]$						0
$Zero[k]$						3
$S_0[k]$						1

Figure 7

TITLE: SWITCHING AND...  
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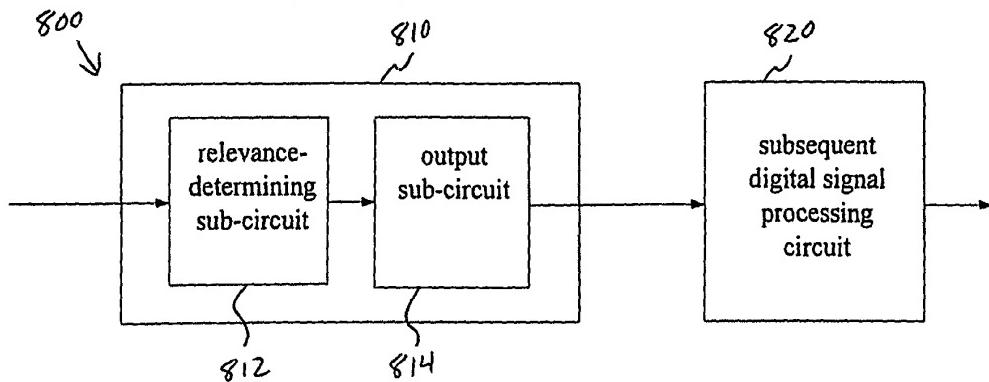


Figure 8

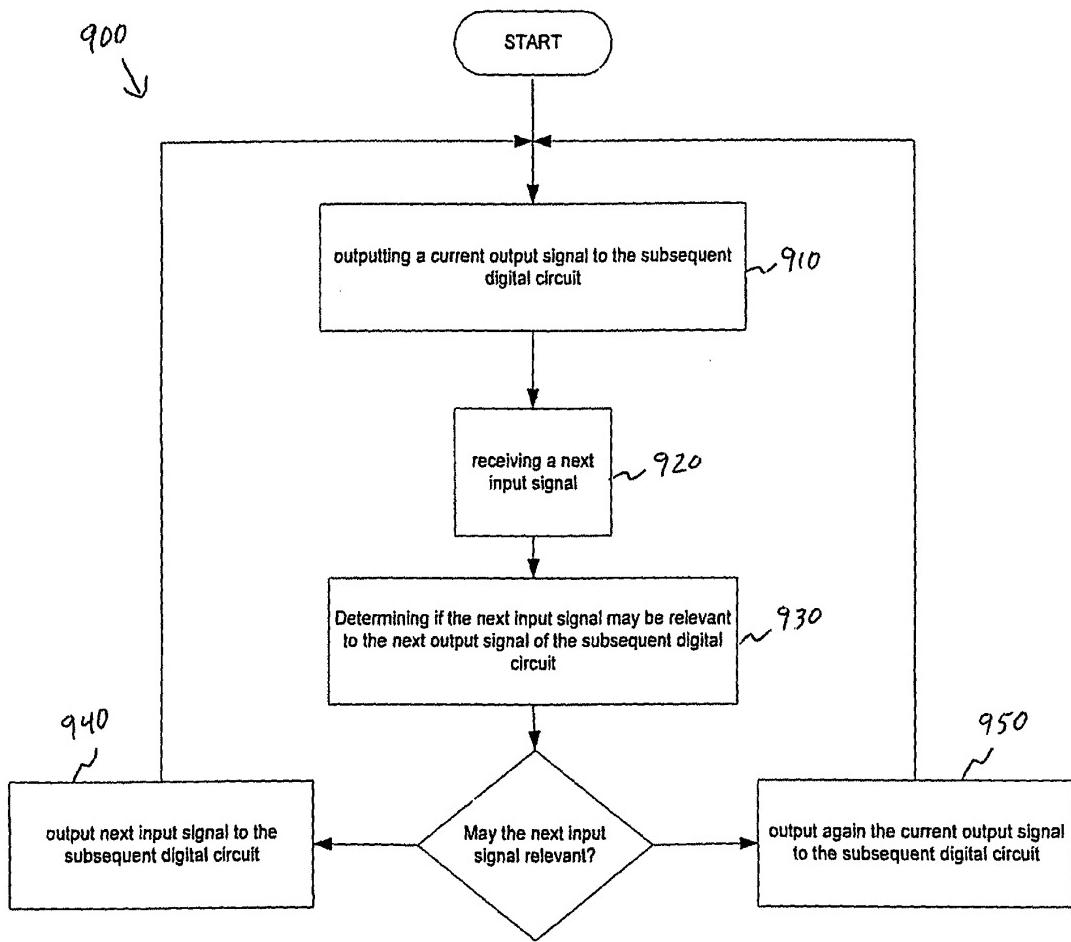


Figure 9